

PETROV, B.D.

Sixth year of education in medical institutes. Sovet zdravookhr. no. 6:
10-15 Nov-Dec 1951. (CLML 21:2)

1. Moscow.

Petrov, B. L.

Physicians

"A. A. Ostroumov and clinical, theoretical opinions." Gukasian, A. D., ed., reviewed by
reviewed by B. L. Petrov, Sov. kniga No. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, July ~~1953~~ 1952. Unclassified.

1. PETROV, B. D.
2. USSR (600)
4. Avicenna, 980?-1037
7. Ibn-Sina's (Avicenna's) pharmacy; for the 1000th anniversary of his birth.
Apt. delo. no. 5, 1952

9. Monthly List of Russian Accessions, Library of Congress. January 1953. Unclassified.

1. F. T. ...
2. ...
3. ...
4. ...
5. ...
6. ...
7. ...

Monthly List of Russian ...

1. PETROV, B. D.
2. USSR (600)
4. Avicenna, 980?-1037
7. Protection of health in Ibn-Sina's Canon; 1000th anniversary of Ibn-Sina's birth.
Sov. zdrav. 11 no. 5, 1952
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

ПЕТРОВ, Б. Д.

USSR/Medicine - General

Feb 52

"Review of L. S. Fridland's Book 'The Ways of Science,'" B. D. Petrov

"Sov Med" Vol XVI, No 2, pp 47, 48

Petrov recognizes that the book presents valuable historical material, but criticizes Fridland for not emphasizing sufficiently the struggle between materialism and idealism in medicine. He further states that introduction of nervous into medicine should be credited to S. N. Botkin rather than I. P. Pavlov. He also objects to the laudatory account of G. M. Bosh'yan's work included in the book. States that addnl confirmation of Bosh'yan's

204740

USSR/Medicine - General (Contd)

Feb 52

results is needed. He further objects to Fridland's statement that "epidemics of typhus, typhoid, relapsing fever, cholera, and other infectious diseases have practically disappeared in the USSR"; says that cholera and relapsing fever have completely disappeared. Book published in Moscow, 1951, 380 pp.

204740

1. B. D. PETROV
2. USSR (600)
4. Avicenna, 980? - 1037
7. Avicenna as clinician; 100th anniversary of his birth. Klin. med. 30
no. 11. 1952.

9. Monthly List of Russian Assessments. Library of Congress. April 1952.

DZHANELIDZE, Yu. M. [author]; PETROV, B.D. (Moscow) [reviewer].

"Free skin transplantation in Russia and in the Soviet Union." IU. IU.
Dzhanelidze. Reviewed by B.D. Petrov. Khirurgiia no. 5: 87-89 My '53.

(MLBA 6:7)

(Skin grafting) (Dzhanelidze, IUstin IUL'ianovich, 1883-)

USSR/General Division

Abstract

Author : R. D. I.

Inst :

Title :

Ref :

Abstract :

Card 1/3

2 re 13

1. / Jones, J. W.

Assoc. Prof. of Economics

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PETROV, Boris Dmitriyevich, 1904-

[Role of Russian scientists in medicine] Rol' russkikh uchenykh
v meditsine. Moskva, Medgiz, 1954. 66 p. (MLRA 9:1)
(MEDICINE--HISTORY)

PETROV, B.D.

[History of medicine] Istoriiia meditsiny. Tom 1. Moskva,
Medgiz, 1954. 282 p. (MLRA 8:2D)

SEMASHKO, Nikolay Aleksandrovich; ASHURKOV, Ye.D., redaktor; BARSUKOV, M.I.,
redaktor; VINOGRADOV, N.A., redaktor; GORFIN, D.V., redaktor;
PETROV, B.D., redaktor; RODOV, Ya.O., redaktor; SLOVIMSKAYA, S.A.,
redaktor; GABERLAND, M.I., tekhnicheskiy redaktor

[Selected works] Izbrannye proizvedeniia. Red. kollegiia: E.D.
Ashurkov i dr. Moskva, Gos. izd-vo med. lit-ry, 1954. 337 p.
(Public health) (MLRA 7:10)

FD-1517

USSR Medicine - History

Card 1/1 . Pub 122-2 14

Author . Petrov. B. D.

Title . ~~Medicine in the Sevastopol Campaign~~ Medics in the Sevastopol Campaign (Centennial of Defense of Sevastopol)

Periodical : Vest. AMN SSSR, 4, 7-12, Oct-Dec 1954

Abstract : Medics played an important role in the defense of Sevastopol when that city was under siege for almost a year (1854-1855) during the Crimean War. Military surgeons, feldshers, and nurses performed great deeds of mercy in the face of obstacles created by administrative inefficiency, thievery, and graft practiced by the Tsarist officials. Credit for laying the foundation for establishment of military surgery is given to N. I. Pirogov. A statue of N. I. Pirogov was unveiled recently in Moscow.

Institution :

Submitted :

PETROV, B.D. (Moscow)

"Pages from the history of Russian surgery". V.I.Kolesov. Reviewed
by B.D.Petrov. Khirurgiia no.9:80-82 S '54. (MLRA 7:12)
(SURGERY--HISTORY) (KOLESOV, V.I.)

PETROV, B.D. (Moskva)

Creative collaboration of Ukrainian and Russian physicians; 300th anniversary of the reunion of the Ukraine with Russia. Klin. med. 32 no.6:3-8 Je '54. (MLRA 7:8)

(MEDICINE

*Russia, cooperation of Ukrainian & Russian physicians)

PETROV, B.D.

[Prophylaxis is health protection for the healthy] Profilaktika—
okhrana zdorov'ia zdorovykh. Moskva, Medgiz, 1966. 92 p.
(Medicine, Preventive) (MLRA 8:4)

USSR/Medicine - History

Card 1/1 Pub 102-9/12

FD - 1928

Author : Petrov, B. D. (Moscow)

Title : Problems in the study of the history of Soviet medicine

Periodical : Sov. zdrav., 1, 47-52, Jan-Feb, 1955

Abstracts : In the past few years all the resolutions of the Central Committee of the CPSU have stressed the need for paying greater attention to the study of the history of medicine, particularly of the Soviet period. Knowledge of the development of the Soviet health system is important for the People's Democracies that are trying to organize their health service on Soviet pattern. More attention should be paid to ideological questions; reactionary idealistic tendencies are alien to Marxism and must be avoided. Writers of the history of medicine must master Marxist-Leninist methodology and organize their source material in the manner that would intensify the struggle against bourgeois historiography whether it manifests itself in a form of cosmopolitanism or departure from contemporaneity.

Institution: - -

Submitted : December 27, 1954

PETROV, B.D.

"How to strengthen the heart." V.F. Zelenin. Reviewed by B.D. Petrov.
Zdorov'e 1 no.10:31-32 0 '55 (MLRA 9:5)

(HEART) (ZELENIN, V.F.)

PETROV, B.D.

Antiepidemic legislations in Russia before 1861. Zhur.mikrobiol.
epid. i immun. no.7:98-103 J1 '55. (MLRA 8:9)
(LEGISLATION, MEDICAL, history,
in Russia, anti-epidemic legislations)
(COMMUNICABLE DISEASES, prevention and control,
hist. in Russia, legislations)

PETROV, B.D.

"History of the study of amebiasis and its control in the U.S.S.R."
D.P. Svanidze. Reviewed by B.D. Petrov. Zhur. mikrobiol. epid. i
immun. no.12:93-95 D '55. (MLRA 9:5)

(AMEBIASIS) (SVANIDZE, D.P.)

PETROV, B. D. (Moskva)

Problems in studying the history of Soviet medicine. Sov.zdrav.
14 no.1:47-53 Ju-V 55.

(MLRA 2:4)

(HISTORY, MEDICAL,
in Russian)

PETROV, B.D

In Japan Sov. zdrav. 14 no.6;47-53 H-D '55.

(MLBA 9:2)

(MEDICINE
in Japan)

PETROV, B.D.

Protection of health and able-bodiedness. V.S.Luk'ianov.
Reviewed by B.D.Petrov. Sov.med.19 no.10:93-95 O '55(MIRA 3:12)
(PUBLIC HEALTH) (LUK'IANOV, V.S.)

PETROV, B.D., professor

Road toward health and longevity. ("Road to health, strength
and long life." I.M Sarkisov-Serazini. Reviewed by B.D.Petrov.)
Nauka i zhizn' 22 no.7:62-63 J1 '55. (MIRA 8:9)
(Hygiene) (Sarkisov-Serazini, Ivan Mikhailovich)

PETROV, B.D.

"History of the study of amebiasis and its control in the U.S.S.R."
D.P. Svanidze. Reviewed by B.D. Petrov. Zhur. mikrobiol. epid. 1
Immun. no.12:93-95 D '55.

(MLRA 9:5)

(AMEBIASIS) (SVANIDZE, D.P.)

PETROV, B.D. Moskva

The life of a great scientist. ("Nikolai Fedorovich Gamaleia." I.U.I. Milenushkin. Reviewed by B.D. Petrov.) Priroda
44 no. 5: 127-128 My '55. (MLRA 8:7)
(Gamaleia, Nikolai Fedorovich, 1859-1949)

PETROV, B.D., Moskva.

Moscow University and the development of medicine in Russia.
(200th anniversary of its founding) Vest.khir.76 no.9:120-128
O '55. (MLRA 9:1)

(MEDICINE,

in Russia)

(SCHOOLS, MEDICAL hist.

University of Moscow)

MECHNIKOV, Il'ya Il'ich; PETROV, B.D., red.; BILKIN, R.I., red.; ZAKHAROVA,
A.I., tekhn. red.

[Academy edition of collected works] Akademicheskoe sobranie sochi-
nenii. Red. kollegiia: P.G. Krotkov i dr. Moskva, Gos. izd-vo med.
lit-ry. Vol.11. (Red. B.D. Petrov). 1956. 266 p. (MIRA 11:7)
(Biology)

PETROV, B.D.

"My career in science". V.P. Filatov. Reviewed by B.D. Petrov.
Zdorov'e 2 no.2:31-32 P '56 (MLRA 9:5)

(FILATOV, VLADIMIR, PETROVICH, 1875)

PETROV, B.D.

"Materials on the organization of medical services in the Russian navy in the first quarter of the 18th century." Reviewed by B.D. Petrov. Sov.zdrav. 15 no.4:60-61 J1-Ag '56. (MLRA 9:9)
(RUSSIA--MEDICINE, NAVAL--HISTORY)

PETROV, B.D.(Moskva)

Role of Moscow University in the development of medicine.

Terap. arkh. 28 no.1:75-81 '56

(MLRA 9:6)

(SCHOOLS, MEDICAL, history,
Moscow University (Rus))

PETROV, B.D.

Preventive trends in Soviet medicine and public health. Sov.
zdrav. 15 no.1:14-22 Ja-F '56. (MIRA 9:6)

(MEDICINE, PREVENTIVE
in Russia)

PETROV, B.D.

Z.P. Solov'ev. Zdorov'e 2 no.6:7-8 Je '56.
(SOLOV'EV, ZINOVII PETROVICH, 1876-1928)

(MLR. 9:8)

~~PETROV, B.D.~~

*V.A.Basov, 1812-1879. Prominent figures in Russian medicine."

E.I.Zakharov. Reviewed by B.D,Petrov. Khirurgiia 32 no.3:90-91

Mr '56.

(MLRA 9:7)

(BASOV, V.A., 1812-1879)

(ZAKHAROV, E.I.)

PETROV, B.D.

"V.A.Basov, 1812-1879. Prominent figures in Russian medicine."

E.I.Zakharov. Reviewed by B.D.Petrov. Khirurgia 32 no.):90-91

Mr '56.

(MLRA 9:7)

(BASOV, V.A., 1812-1879)

(ZAKHAROV, E.I.)

BOGOYAVLENSKIY, Nikolay Alekseyevich; PETROV, B.D., redaktor; KHARASH, G.A.,
tekhnicheskiiy redaktor

[Indian medicine in old Russian doctoring] Indiiskaya meditsina v
drevnerusskom vrachevanii. [Leningrad] Gos. izd-vo med. lit-ry,
Leningradskoe otd-nie, 1956. 81 p. (MIRA 10:1)
(MEDICINE—HISTORY)

SOLOV'YEV, Zinoviy Petrovich, 1876-1928; PETROV, B.D., redaktor

[Selected works] Izbrannye proizvedeniia. Pod red. B.D. Petrova.
Moskva. Gos. izd-vo med. lit-ry 1956. 473 p. (MLBA 10:4)
(PUBLIC HEALTH)

1 / 100 / 1 /
GLYAZER, Gugo [Glaser, Hugo] FEDOSYUK, Yu.A. [translator]; PETROV, B.D.,
redaktor; BBL'CHIKOVA, Yu.S. tekhnicheskiy redaktor

[Discoverers of man; from Hippocrates to Pavlov] Issledovateli
chelovecheskogo tela ot Gippokrata do Pavlova. Perevod s
nemetskogo IU. A. Fedosiuka. Pod red. B.D. Petrova. Moskva,
Gos. izd-vo med. lit-ry, 1956. 241 o. (MLRA 10:4)
(MEDICINE--HISTORY)

PETROV, B.D. (Moskva)

"A.P.Gubarev, 1855-1931"; from the series "Prominent Persons in
Russian medicine." G.Z.Riabov. Reviewed by B.D.Petrov. Klin.med.
34 no.6:93-94 Je '56. (MIRA 9:10)
(GUBAREV, A.P., 1855-1931) (RIABOV, G.Z.)

PETROV, B.D.

Warm hands. Zdorov'e 2 no.7:3-4 J1 '56.
(PHYSICIANS)

(MIRA 9:8)

PETROV, B.D.

"Problems in the history of medicine and public health in the medical
periodical press of Kazakhstan"; bibliographic index for 1933-1956
by G.P. Isaev. Reviewed by B.D. Petrov. (MLRA 10:8)
(KAZAKHSTAN--MEDICINE--BIBLIOGRAPHY)
(BIBLIOGRAPHY--KAZAKHSTAN--MEDICINE)
(ISAEV, G.P.)

ROSSIYSKIY, Dmitriy Mikhaylovich, professor, zasluzhennyy deyatel' nauki,
doktor meditsinskikh nauk [deceased]; ~~PETROV, B.D.~~, redaktor;
ZHUKOV, O.I., redaktor; SENCHILO, K.K., tekhnicheskiy redaktor

[History of general and Russian medicine and public health; a
bibliography (996-1954)] Iztoriia vseobshchei i otechestvennoi
meditsiny i zdavookhraneniia; bibliografiia (996-1954 gg.) Pod.
red. B.D.Petrova. Moskva, Gos.izd-vo med. lit-ry, 1956. 935 p.
(MLRA 10:2)

1. Zaveduyushchiy otdelom istorii meditsiny Instituta organizatsii
zdavookhraneniya i istorii meditsiny imeni N.A.Semashko AMN SSSR
(for Petrov)

(BIBLIOGRAPHY--MEDICINE--HISTORY)

PETROV, B.D.

Health day. Zdorov'e 2 no.11:2-4 M '56.
(TULA PROVINCE--PUBLIC HEALTH)

(MLPA 10:1)

PETROV, B.D.

"Living conditons and health"; medical journal of the World
Organization of Physicians for the study of modern living
conditions. Reviewed by B.D.Petrov. Sov.med. 20 no.12:82-84
D '56. (MIRA 10:1)

(PUBLIC HEALTH--PERIODICALS)

PETROV, B.D. (Moskva)

From the history of Russian health legislation. Vrach. delo
no.3:315-316 Mr '57 (MLBA 10:5)
(PUBLIC HEALTH--LAWS AND REGULATIONS--HISTORY)

PETROV, B.D. (Moskva)

Legislation on food sanitation in Russia (up to 1861). Vop.pit. 16
no.1:72-75 Ja-Y '57. (MLRA 10:))

(FOOD

food sanitation legislation in Russia, hist. (Rus))

(SANITATION

same)

PWTROV, B.D.

V.M. Bekhterev; 100th anniversary of his birth. Vest. AMN SSSR
12 no.1:45-50 '57 (MLRA 10:5)
(BIOGRAPHIES
Bekhterev, V.M.)

PETROV, B.D., professor (Moskva)

Maksim Petrovich Konchalovskii and his views on clinical practice
and theory; concerning A.G.Gukasian's book. Klin.med. 35 no.4:
125-131 Ap '57. (MLRA 10:7)

(KONCHALOVSKII, MAKSIM PETROVICH, 1875-1942)

PETROV, B.D.

The 15th International Congress on Medical History. Sov.sdrav.
16 no.5:49-57 My '57. (MIRA 10:7)
(HISTORY MEDICAL,
congress (Rus))

PETROV, B.D.

S.P.Botkin. Zdorov'e 3 no.9:7-8 S '57.
(BOTKIN, SERGEI PETROVICH, 1832-1889)

(MLBA 10:9)

PETROV, B.D.

"Nikolai Ivanovich Pirogov's scientific, literary and epistolary legacy" by A.M.Geselevich. Reviewed by B.D.Petrov. Khirurgiia
33 no.2:129-132 F '57. (MLBA 10:6)

(PIROGOV, NIKOLAI IVANOVICH, 1810-1881)

(GESELEVICH, A.M.)

PETROV, B.D.

S.P. Botkin and public health; on the 125th anniversary of his birth.
Vest. AMN SSSR 12 no. 6:62-76 1977. (MIRA 11:2)
(BOTKIN, SERGI PETROVICH, 1852-1889)

PETROV, B.D., kand.med.nauk

S.S. Mikhailov's book "Medical care in the Russian Navy in the 18th century." Reviewed by B.D. Petrov. Voen-med.zhur. no.11:92-94
N 157. (MIRA 11:4)

(MEDICINE, NAVAL)

PETROV, B.D.

"I.I.Grekov, 1867-1934" by A.N.Lebedev. Reviewed by B.D.Petrov.
Khirurgiya 33 no.9:151-153 S '57. (MIRA 11:4)
(GREKOV, IVAN IVANOVICH, 1867-1934)
(LEBEDEV, A.N.)

PETROV, B.D.

PETROV, B.D.

Bookshelf: How to be healthy ("For healthy living"; a collection
of articles. Reviewed by B.D.Petrov). Zdorov'e 3 no.7:29 J1 '57.
(HYGIENE) (MLRA 10:8)

PETROV, B.D.

Social hygiene and Soviet public health. Sov.zdrav. 16 no.11:3-12
M '57. (MIRA 11:1)

(SOCIAL HYGIENE
in Russia, relation to pub.health (Rus))

PETROV, B.D.

"Public health in People's Poland" [in Polish] by Marcin Kasprzak,
Boguslaw Kozasznik. Sov.med. 21 no.9:155-157 S '57. (MIRA 11:1)
(POLAND--PUBLIC HEALTH)
(KASPRZAK, MARCIN) (KOZASZNIK, BOGUSLAW)

PETROV, B.D.

Andrei Bakheraht; on the 150th anniversary of his death (1724-1806)
Bakheraht, Andrei Gavrilovich, 1724-1806
Bakheraht, Andrei Gavrilovich, 1724-1806
(Bakheraht, Andrei Gavrilovich, 1724-1806)

PETROV, B.D.

"N.N.Klodnitskii, 1948-1949" by S.N.Klodnitskaja. Reviewed by
B.D.Petrov. Zhur.mikrobiol.epii. i immun. 24 no.10:145-147 1957.
(KLODNITSKII, N.N.) (MIRA 19:12)
(KLODNITSKAJA, S.N.)

PETROV, B.D..(Moskva)

Development of public health and clinical medicine in the U.S.S.R.
(1917-1957). Klin.med. 35 no.10:19-27 O '57. (MIRA 11:2)

(PUBLIC HEALTH

in Russia, progr. (Rus))

(MEDICINE

in Russia, progr. (Rus))

PETROV, B.D. (Moskva)

The role of Z.P.Solov'ev in the development of Soviet public health
Klin.med. 35 no.10:140-145 O '57. (MIRA 11:2)

(PUBLIC HEALTH, hist.

in Russia, contribution of Z.P.Soloviev (Rus))

(SOLOV'EV, ZINOVII PETROVICH, 1876-1928)

PETROV, B.D.

"D.D. Bekariukov, 1861-1934; from the history of hygienic inspection of schools in Moscow" by A.S. Troitskaia. Reviewed by B.D. Petrov.
Gig. i san. 22 no.12:81-83 D '57 (MIRA 11:3)
(BEKARIUKOV, D.D. 1861-1934) (MOSCOW--SCHOOL HYGIENE)
(TROIITSKAIA, A.S.)

PETROV, B.D.

"Medical bibliography; aid to scientific medical workers" [in Bulgarian] by Khristo Trenkov. Reviewed by B.D.Petrov. Sov.zdrav. 17 no.1:62-63 Ja '54. (MIRA 11:2)
(BIBLIOGRAPHY--MEDICINE)
(TRENKOV, KHRISTO)

DAVYDOVA, Vera F.; PETHOV, Boris Dmitriyevich, red.

[History of Soviet preventive medicine] Ocherki istorii profilakticheskogo napravleniya sovetskoi meditsiny. Kollektiv avtorov: V.F.Davydova i dr. Moskva, Medgiz, 1958. 193 p. (MIRA 12:4)
(MEDICINE, PREVENTIVE)

PETROV, B.D. (Moskva)

"Striving to protect the public's health" by B.D. Ashurkov, L.O.
Kanevskii. Reviewed by B.D. Petrov. Fel'd. 1 akush. 23 no.11:63-64
N '58 (MIRA 11:11)

(PUBLIC HEALTH)
(ASHURKOV, B.D.)
(KANEVSKII, L.O.)

PETROV, B.D.

"Medical personnel of Leningrad during the Great October Socialist
Revolution and the civil war in the U.S.S.R." Zdrav.Ros.Fed.

2 no.10:40-42 0 '58

(MIRA 11:10)

(LENINGRAD--MEDICAL PERSONNEL)

PETROV, B.D.

"Outline of the development of public health in Moldavia" by
N.Kukin, M.Gekhtman, V.Lepushinskii. Reviewed by B.D.Petrov.
(MOLDAVIA--PUBLIC HEALTH) (MLRA 10:6)
(KUKIN, N.) (GEKHTMAN, M.)
(LEPUSHANSKII, V.)

PETROV, B.D.

"For healthy living conditions." Reviewed by B.D. Petrov.
Zdorov'e 4 no.9:32 S '59 (MIRA 1:10)
(PUBLIC HEALTH)

PETROV, B.D., kand.med.nauk

"Brief historical sketch of the development of the Institute:
on the 250th anniversary of the city of Leningrad" by I.G.
Fridland. Reviewed by B.D. Petrov. Sov.zdrav. 17 no.10:61-62
0 '58 (MIRA 11:11)

(LENINGRAD--MEDICINE--STUDY AND TEACHING)

PETROV, B.D.

"From the history of medicine,"
zdrav. 17 no.11:60-62 1962
(LATVIA—MEDICINE)

1. Reviewed by B.D. Petrov, B.D.
(MIRA 11:10)

PETROV, B.D., dots. (Moskva)

"Tadeusz Browicz; his life and work in science" by Michal Hanecki.
Reviewed by B.D. Petrov. Arkh.pat. 20 no.9:83-84 S'58 (MIRA 11:10)
(BROWICZ, TADEUSZ, 1847-1928)

PETROW, B.D. (Moskva)

~~Scorvy~~ Scurvy and its control in Russia. Vop.pit. 17 no.4:78-83 Je-Ag'58
(MIRA 11:7)

(SCURVY, his' ry
in Russia, control (Rus))

PETROV, B.D.

"From the history of resorts in Uzbekistan" by IA.K. Muminov.
Reviewed by B.D. Petrov. Vop.kur.fizioter. i lech.fiz.kul't.
23 no. 4:373-374 J1-Ag '59 (MIRA 11:8)
(UZBEKISTAN--HEALTH RESORTS, WATERING PLACES, ETC.)
(MUMINOV, IA.K.)

PISTROV, B.D.

Night types of happiness; visiting our Korean friends. Zdorov'e 4
no.7:25-26 J1 '58. (MIRA 11:6)
(Korea, North—Description and travel)

PETROV, B.D.

Eighth Congress of Polish Medical Historians. Vest. AME SSSR
13 no.5:63-65 '58 (MIRA 11:6)
(POLAND--MEDICINE)

PETROV, B.D.

"Wilhelm Konrad Roentgen; story of a great discovery" [in Polish]
G.Murczynski, M.Sypniewska. Reviewed by B.D.Petrov. Vest.rent.
1 rad. 33 no.2:95 Mr-Apr '66. (MIRA 11:6)
(ROENTGEN, WILHELM KONRAD, 1845-1923)
(MURCZYNSKI, G.) (SYPNIEWSKA, M.)

PETROV, B.D.

"M.P. Gundobin, one of the founders of scientific pediatrics"
by V.S. Vail'. Reviewed by B.D. Petrov. *Pediatrics* 36 no.4:86-88
Ap'58 (MIRA 11:5)

(GUNDOBIN, NIKOLAI PETROVICH, 1860-1908)

PETROV, B.D.

"Participation of workers of the Soviet Union in the construction
of public health" by L.O.Kanevskii. Reviewed by B.D.Petrov. Zdrav.
Ros.Feder. 2 no.2:35-36 P '58. (MIRA 11:3)
(PUBLIC HEALTH) (KANEVSKII, L.O.)

PETROV, B.D.

"Following the course of a forgotten life; I.S. Dudchenko"
by V.V. Kazimirov. Reviewed by B.D. Petrov. Sov.zdrav. 17
no.5:59-61 My '58 (MIRA 11:5)
(DUDCHENKO, IVAN STEPANOVICH, 1857-1917)
(KAZIMIROV, V.V.)

PETROV, B.D. (Moskva, G-19, B. Afanas'yevskiy, d.17/7, kv.18)

"M.D. Lavdovskii, 1847-1902" by N.G. Fel'dman. Reviewed by B.D.
Petrov. Arkh.anat.gist. 1 embr. 35 no.3:118-120 My-Je '58

(MIRA 11:7)

(LAVDOVSKII, MIKHAIL DORMIDONTOVICH, 1847-1902)

(FEL'DMAN, N.G.)

PETROV, R.D. (Moskva)

N. F. Gamaleia and his contribution to public health; on the 100th anniversary of his birth. Sov. zdrav. 18 no.2:10-14 '59. (MIRA 12:1)

(BIOGRAPHIES,

Gamaleia, Nikolai f. (Rus))

(PUBLIC HEALTH,

contribution of N.F. Gamaleia (Rus))

88-88-4/5

AUTHOR: Petrov, B. I., Candidate of Technical Sciences

TITLE: Two-Phase Induction Motor Operating as Servomotor in a Servomechanism (Asinkhronnyy dvukhfaznyy dvigatel' kak ispolnitel'nyy element sledyashchego privoda)

PERIODICAL: Trudy Moskovskogo Aviatsionnogo Instituta, 1957, Nr 88: Some Problems of Electric Drive and Thermal Protection of Electric Motors (Nekotoryye voprosy elektroprivoda i temperaturnaya zashchita elektrodvigatelye), pp. 35-54 (USSR)

ABSTRACT: The author derives analytical formulae characterizing the performance of a two-phase induction motor designed to operate as a servomotor in a servomechanism. Fig. 1, p. 36, presents a schematic diagram of motor connections typical for the system analyzed. It consists of two stator windings shifted at 90 electrical degrees; the motor parameters are independent of the rotor rotation velocity. On the basis of the formulae developed, the author builds a series of characteristic curves,

Card 1/2

1959, No. 1

Author: [illegible] (1959, No. 1, A.S. [illegible])

Moscow, Aviatransportnoye [illegible] [illegible]

Dinamicheskiye svoystva [illegible] [illegible] sbornik statey [illegible] on the
Dynamic Properties of [illegible] Collection of Articles Moscow, Ocheroniz,
1959. 113 p. (Series [illegible] [illegible], vyp. 113) 6,000 copies printed.

Issued by [illegible] [illegible] [illegible] [illegible]

Ed. Title page: [illegible] [illegible] of Technical Sciences, Docent;
Ed. [illegible] [illegible] [illegible] Engineer, Ed. of Publishing House:
S.I. Vinogradskaya [illegible] [illegible] Managing Ed.: A.S.
Laymovskaya, Engineer.

Abstract: [illegible] [illegible] [illegible] in the field of electric
[illegible] [illegible] [illegible] and for students taking courses at electronic
and aeronautical institutions of higher learning.

Summary: [illegible] [illegible] [illegible] of stability and dynamic
[illegible] [illegible] [illegible] [illegible] [illegible] A study is made of the effect

of [illegible]

PETROV, B.I., kand.tekhn.nauk

Selection of the transfer ratio of the power reducer of a
servomechanism drive. Trudy MAI no.134:121-141 '61.

MIAS 14:8

(Servomechanisms)

14 15 27

S 535 62 000 146 001 007

1011 1211

AUTHOR Petrov, B. J., Candidate of Technical Sciences

TITLE On the reproduction of sinusoidal oscillations by servomechanisms the power elements of which are limited in torque and speed

SOURCE Moscow. Aviatsonnyy institut. Trudy, no. 146, 1962. Avtomatizirovannyye privody i ikh elementy, 5-30

TEXT In practice a real power element has certain limitations in torque and speed. No control system can assure the specified torque or speed unless they are latent in the construction of the element itself. Hence the frequency range of a servomechanism depends on the amplitude of oscillations as well. A method for determining the frequency dependence of the maximum amplitude of oscillations is given. The influence of the power element parameters and of the reduction-gear ratio on this dependence is analyzed. A method for selecting a power element and a graphical representation for fixing the permitted range of the reduction-gear ratio are presented. The frequency dependence of the maximum amplitude is computed under the assumption of a piecewise-linear mechanical characteristic of the power element. The torque developed by the motor must at least equal the torque applied to its shaft by all the moving parts at the given amplitude.

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1011 1211

and frequency of oscillations. With all other conditions equal a servomechanism with a nonlinear mechanical characteristic develops greater torques at all rotation speeds (except the two boundary ones—that of no load and the zero one) than that with a linear characteristic. The optimum reduction-gear ratio is that at which the load is matched to the motor. By lowering the ratio beneath its optimum the maximum amplitude at low frequencies increases while that at high frequencies decreases. The time constant increases sharply, which is undesirable. When the ratio is increased above the optimum the time constant decreases somewhat, but the maximum amplitude decreases as well at all frequencies. Conditions for an element with a given load to yield given amplitude and frequency of oscillations are developed, thus enabling a synthesis. One must only check the self-heating during operation, but this is not dealt with here. The method developed above is then modified for the case with a friction and resisting torque on the shaft. A numerical example where the limiting values of the reduction-gear ratio are found graphically is given. There are 8 figures.

Card 2 2

PETROV, B.I., kand.tekhn.nauk

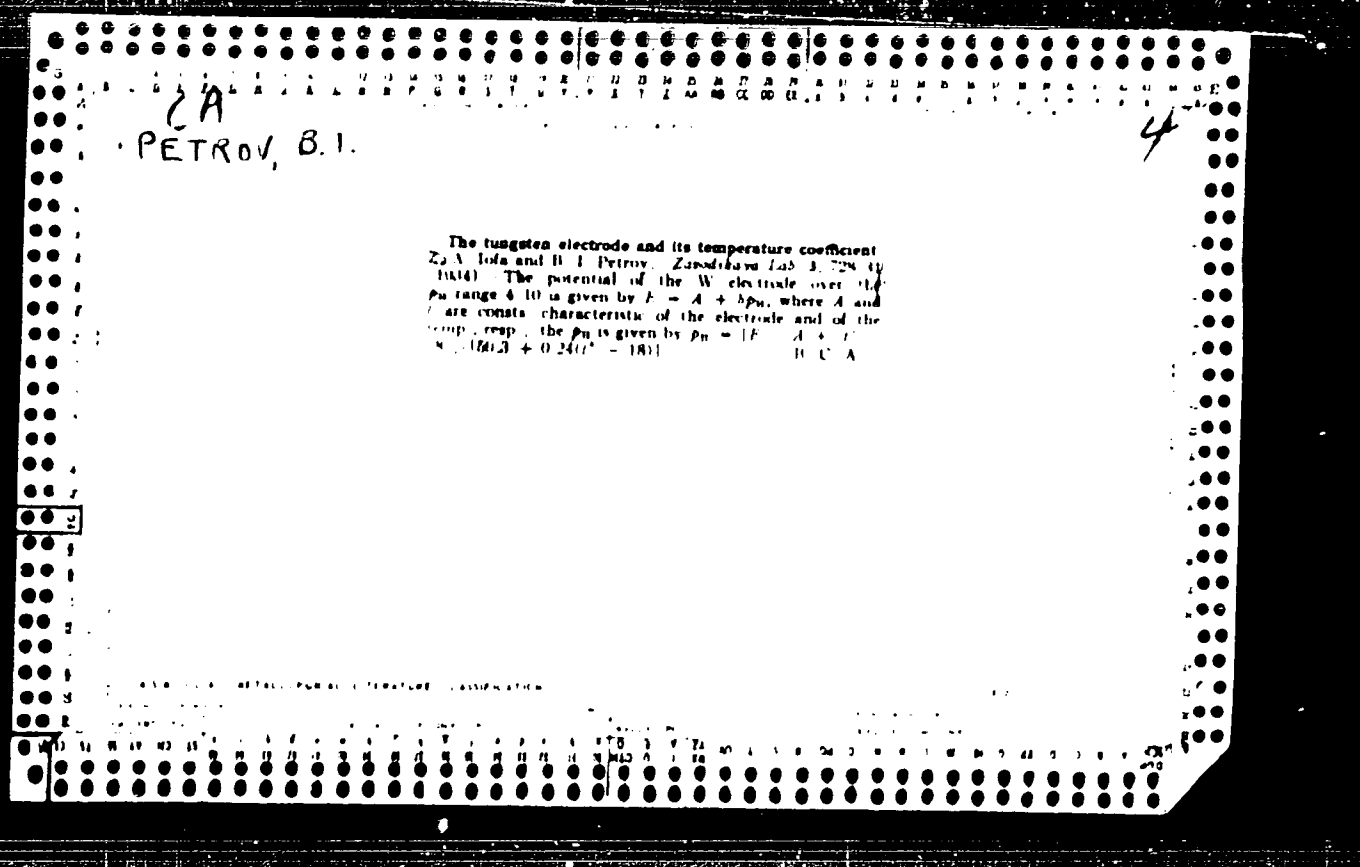
Determining parameters of a substitution circuit of an
asynchronous two-phase motor with a hollow rotor. Trudy
MAI no.146:31-35 '62. (MIRA 15:4)
(Electric motors, Induction)

S 535-2-000-20-15-1
1011-1217

AUTHOR Petrov, B. J., Candidate of Technical Sciences
TITLE Choosing the power motor and the power reduction gear ratio of a servomechanism
SOURCE Moscow, Aviatzionnyy institut. Trudy, no. 146, 1962, Avtomatizirovannyye priklady i ikh elementy, 88, 70

TEXT The use of correlations that directly characterise the form of the mechanical characteristic of a power motor is suggested. The quality of this method is in the speed with which the appropriate motor can be chosen so as to comply in the best possible way with the operating conditions of the servomechanism. The method is based on the assumption that the angular velocity and acceleration as well as the moment of inertia and torque of the load are given. The torque developed by the motor must at least equal the torque required. A relation between the torque required and the gear ratio in terms of the minimum torque required and the corresponding optimum ratio is derived. A piecewise-linear approximation (with two linear pieces) of the mechanical characteristic is chosen. Two inequalities (corresponding to the two linear parts of the approximation) connecting the available torque and needed one in terms of the gear ratio are derived. By drawing the two parts of the inequalities on the same axes one finds graphically the region of possible gear ratios where the two inequalities are satisfied simultaneously. Special cases of mechanical characteristics which considerably simplify the process of finding the region of existence of the gear ratio are discussed. The application of the method to the cases when the motor is used as a brake is dealt with. There are 6 figures.

Card 1-1



PETROV, B. I.

PROCESSES AND PROPERTIES INDEX

Automatic method for neutralization and registration of pH . V. S. Ledneva, B. I. Petrov and M. A. Proskurnin. *Zashchita Lab. 4*, 11477 13/1935. An app. for potentiometric regulation and recording of pH and neutralization of vacuum liquids with the use of a W electrode is illustrated and described.

Chas. Blum

ASB 114 METALLURGICAL LITERATURE CLASSIFICATION

PETROV, B. I.

7

Electrometric determination of the moisture of materials. B. S. Gukhman, B. I. Petrov, and T. I. Yakovlev. *Zavodskaya Lab.* 16, 646-9 (1948). — Moisture is detd. by direct electrometric titration with a soln. of I₂ and SO₂ gas in mist with abs. alc. and pyridine, by use of polarizing electrodes with a lamp amplifier and an optical indicator for registering changes in current strength during the titration. The app. is a modification of that used by McKinney and Hall (C 4 37, 4934⁹); the triode used raised the sensitivity of the app. 2-3 times and optimum selection of resistances gave it greater stability.

B. Z. Kamich

C A

20

Interferometric determination of moisture in nitrocellulose materials. B. S. Gukhman, B. I. Petrov, and F. I. Yakovlev. *Zashchita* Lab. 14, 1264 (1948). The method is based on the detn. of interferometric fringe shift caused by mixing a concd. $\text{Ca}(\text{NO}_3)_2$ soln. with the moisture content of the test sample. The error is 0.4% in a 10-15-min. detn. when the interferometer is calibrated for direct reading. The sample is shaken with 40% $\text{Ca}(\text{NO}_3)_2$ soln. in closed flask, filtered through dry filter, and the fringe shift is compared relative to the initial soln. Moisture ranges reported are 31-40%. The calibration curve is linear. G. M. Kozlovskii.

BROKARENKO, Konstantin Kuz'mich; IGNATOV, Viktor Nikolayevich; PETROV,
Boris Ivanovich; EPSHTEYN, D.M., red.; KHITROV, P.A., tekhn.red.

[Technological training for students specializing in railroad
transportation; organization and methods] Professional'no-
tekhnicheskoe obuchenie na zheleznodorozhnom transporte;
organizatsiia i metodika. Moskva, Gos.transp.zhel-dor.isd-vo,
1959. 255 p.

(Railroads)

(MIRA 12:6)

BENYAKOVSKIY, M.A.; KULIKOV, V.I.; SHADRIN, V.A.; KOLPAKOV, I.P.; KUTUYEV,
Ya.S.; KUSTOBAYEV, G.G.; KOCHNEV, M.F.; YESIPOV, I.V.; PETROV, E.I.

Power consumption for the deformation of metal and conditions of
strip rollings. Stal' 17 no.1:59-63 Ja '57. (MLRA 10:3)

1. Ural'skiy institut chernykh metallov i Magnitogorskiy metallur-
gicheskiy kombinat.

(Rolling (Metalwork))

L 04157-67 EWT(d)/EWT(1)/EWT(m)/EWP(c)/EWP(v)/T/EWP(t)/ETI/EWP(k)/EWP(1)
ACC NR: AR6016525 IJP(c) JD SOURCE CODE: UR/0276/65/000/012/B033/B033

AUTHOR: Aleksandrov, V. P.; Golovachev, V. G.; Okunev, A. I.; Petrov, B. I.;
Filimoshin, V. G. 53
5

TITLE: Characteristics of machining a surface by the electrochemical method 16

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya, Abs. 12B240

REF SOURCE: Tr. Kuybyshevsk. aviats. in-t, vyp. 20, ch. 1, 1965, 169-173

TOPIC TAGS: electroerosion machining, error, electrochemistry

ABSTRACT: A method is proposed for calculating the parameters during machining of a surface by a flat electrode tool moving at a constant rate in the direction of the surface being finished. Formulas are given for calculating the minimum necessary allowance for leveling the surface from the initial error Δ_0 to the final error Δ_k in those cases where the rate of motion of the electrode tool is equal to, greater than and less than the rate of electrochemical dissolution. 5 illustrations. L. Tikhonova [Translation of abstract]

SUB CODE: 13

Card 1/1 14

UDC: 621.9.047

L 8797-66 ENT(d)/EWP(1) IJP(c) GG/BB

ACC NR: AP5026965

SOURCE CODE: UR/0103/65/026/010/1818/1823

AUTHOR: Petryy, B.K. (Leningrad); Smolov, V.B.; Tarasov, Yu. A.; Ugryumov, Ye. P. ⁵¹
(Leningrad) ⁴⁴ ⁴⁴ ⁴⁴ ⁴⁴

ORG: None

TITLE: A precision transistorized pulse-time multiplication and division unit

SOURCE: Avtomatika i telemekhanika, v. 26, no. 10, 1965, 1818-1823

TOPIC TAGS: computer component, arithmetic unit, computer circuit, analog system, transistorized circuit ^{16C, 44}

ABSTRACT: The authors describe a four-quadrant multiplier and divider based on the widely known principle of pulse-time multiplication. A block diagram of the device is shown and its operation is explained. The device has a maximum relative error of 0.1% in an ambient temperature range from 0 to +60C. A schematic diagram is given for the electronic part of the device together with a detailed description of its operation. The circuit of the device is divided into two sections. The first section contains a sawtooth voltage generator, common collector amplifier, Schmitt trigger circuit, and two pulsed voltage dividers. The operation of the voltage dividers is illustrated by time diagrams. This first section is used for pdm and pam of the square-wave voltage. The second section of the multiplier-divider is a d-c amplifier. This unit has a voltage amplification factor of 20,000, input impedance of 5 K Ω , and a maximum zero drift at the output of 0.4 mv from +20 to +60C. Data are given on error

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UDC: 681.142.642.3/4